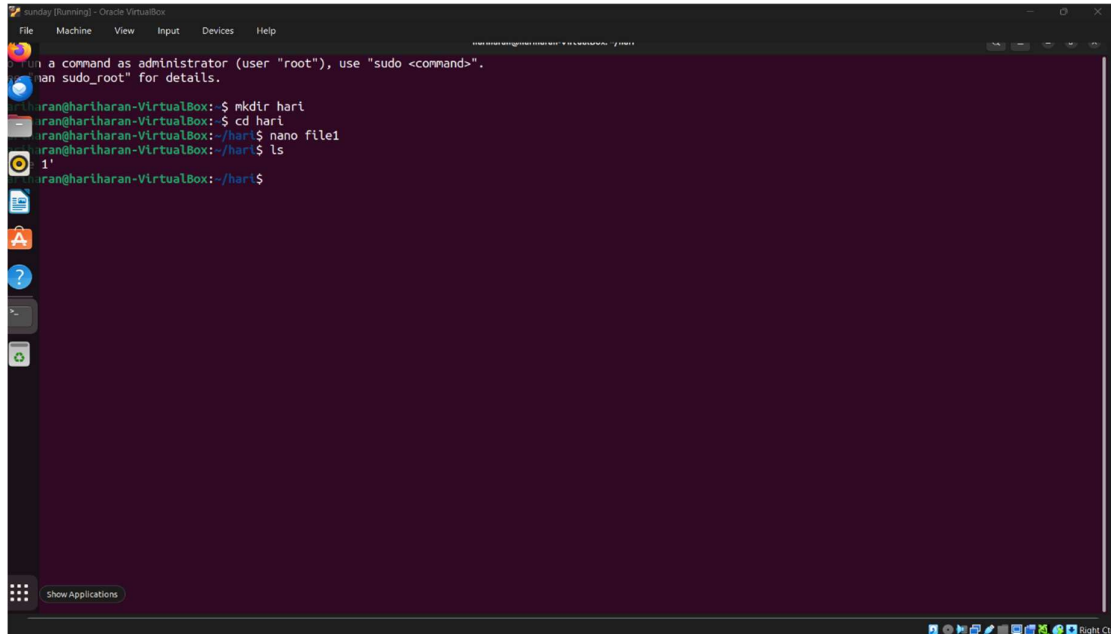


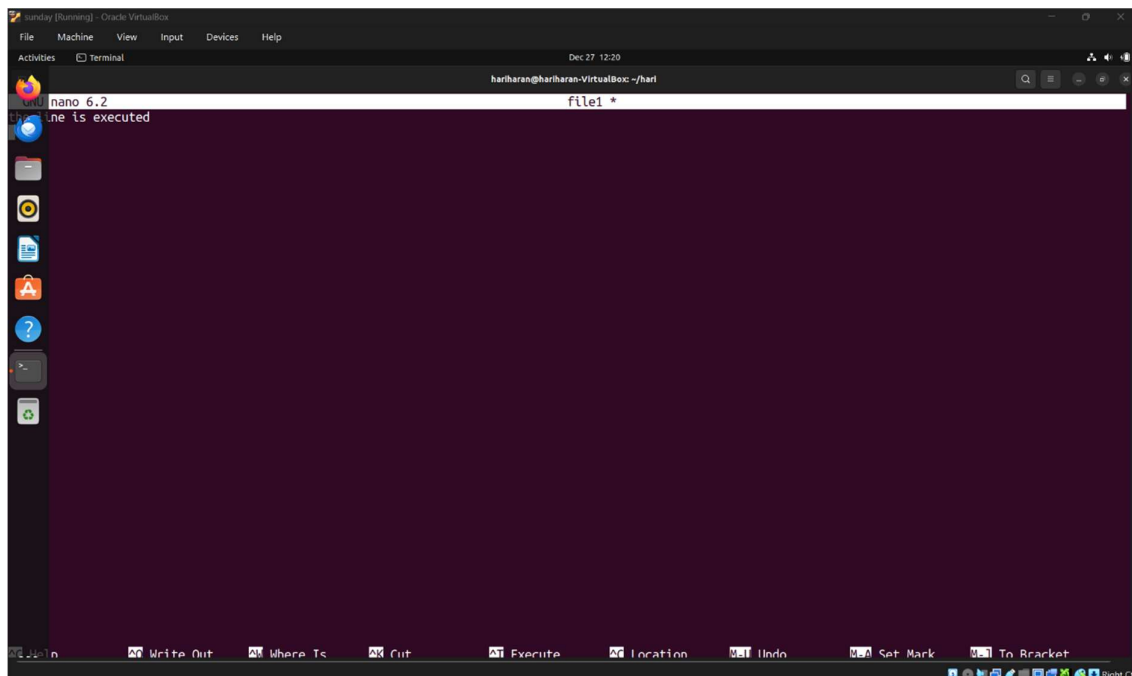
LINUX USER NAVIGATION COMMANDS

1. Make Directory with the help of command “mkdir” and change directory using “cd” and create an file using the command “nano”.



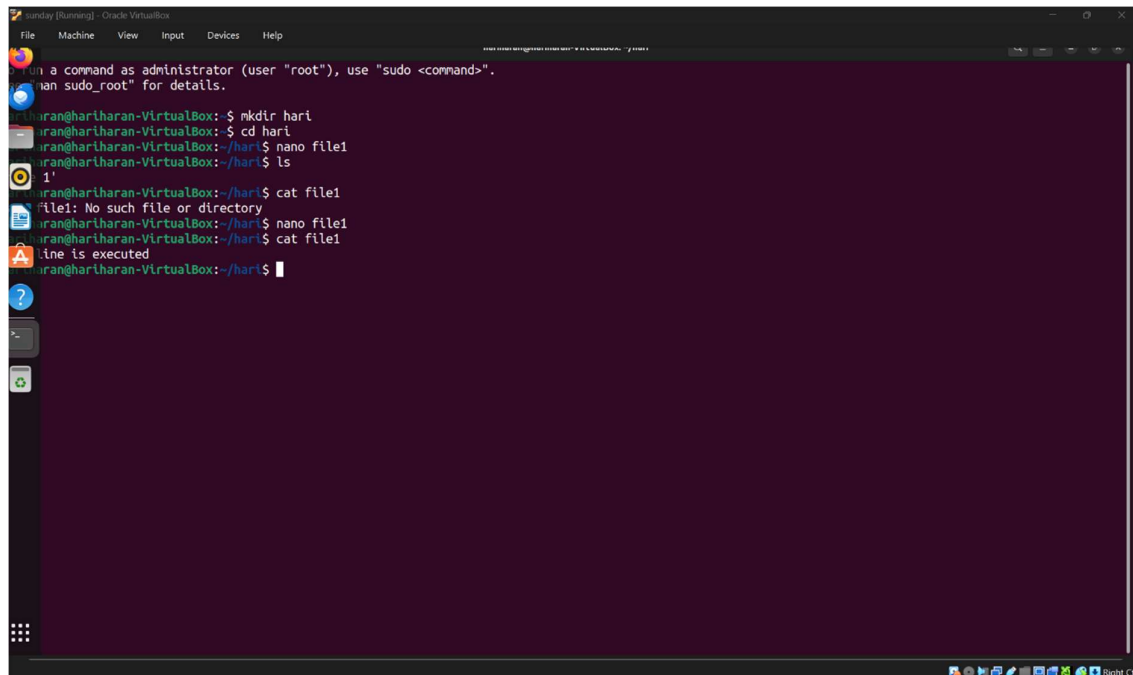
```
haran@hartharan-VirtualBox:~$ sudo su
haran@hartharan-VirtualBox:~$ mkdir hari
haran@hartharan-VirtualBox:~$ cd hari
haran@hartharan-VirtualBox:~/hari$ nano file1
haran@hartharan-VirtualBox:~/hari$ ls
file1
haran@hartharan-VirtualBox:~/hari$
```

Using “nano” command we create any type of file and save it.



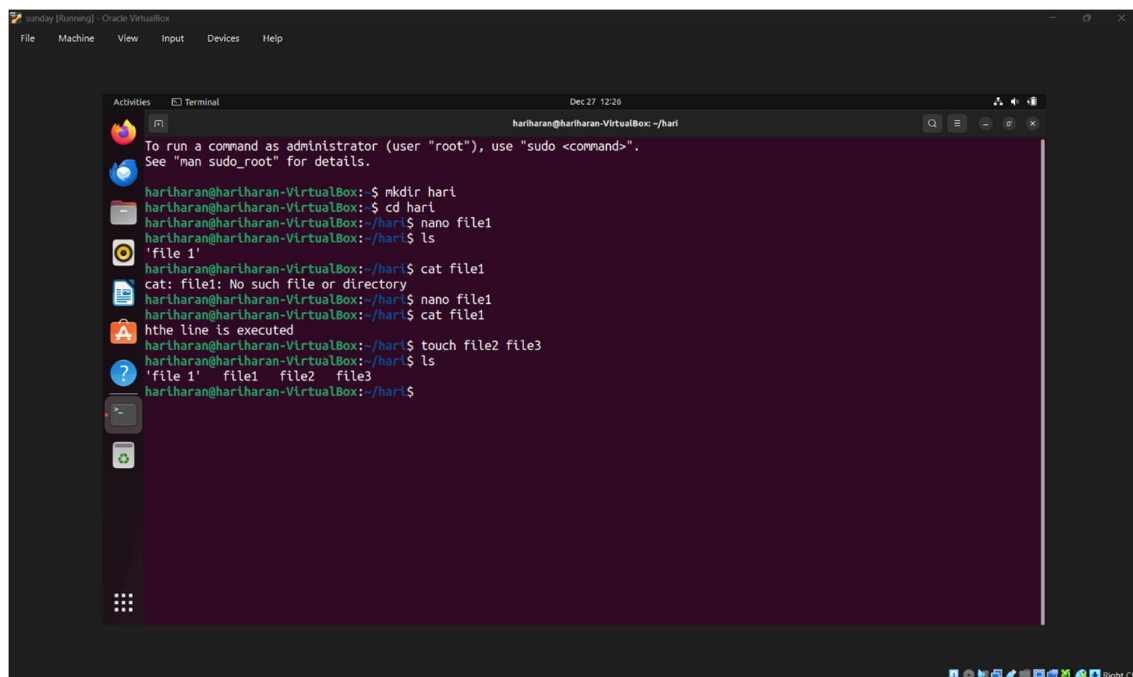
```
nano 6.2
file1 *
^M
^O
^X
```

Using “cat” command to view the inside the file.



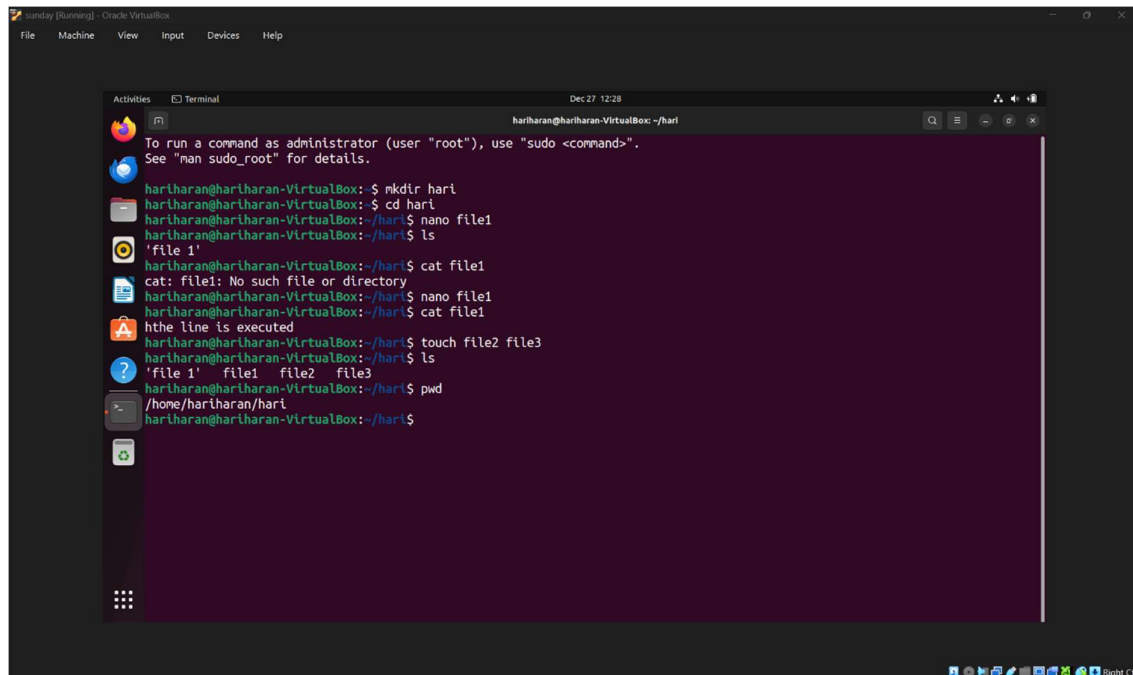
```
haran@hartharan-VirtualBox: ~$ mkdir hari
haran@hartharan-VirtualBox: ~$ cd hari
haran@hartharan-VirtualBox: ~/hari$ nano file1
haran@hartharan-VirtualBox: ~/hari$ ls
file1
haran@hartharan-VirtualBox: ~/hari$ cat file1
cat: file1: No such file or directory
haran@hartharan-VirtualBox: ~/hari$ nano file1
haran@hartharan-VirtualBox: ~/hari$ cat file1
line is executed
haran@hartharan-VirtualBox: ~/hari$
```

Using “touch” command to create a file.



```
haran@hartharan-VirtualBox: ~$ mkdir hari
haran@hartharan-VirtualBox: ~$ cd hari
haran@hartharan-VirtualBox: ~/hari$ nano file1
haran@hartharan-VirtualBox: ~/hari$ ls
file1
haran@hartharan-VirtualBox: ~/hari$ cat file1
cat: file1: No such file or directory
haran@hartharan-VirtualBox: ~/hari$ nano file1
haran@hartharan-VirtualBox: ~/hari$ cat file1
line is executed
haran@hartharan-VirtualBox: ~/hari$ touch file2 file3
haran@hartharan-VirtualBox: ~/hari$ ls
file1 file2 file3
haran@hartharan-VirtualBox: ~/hari$
```

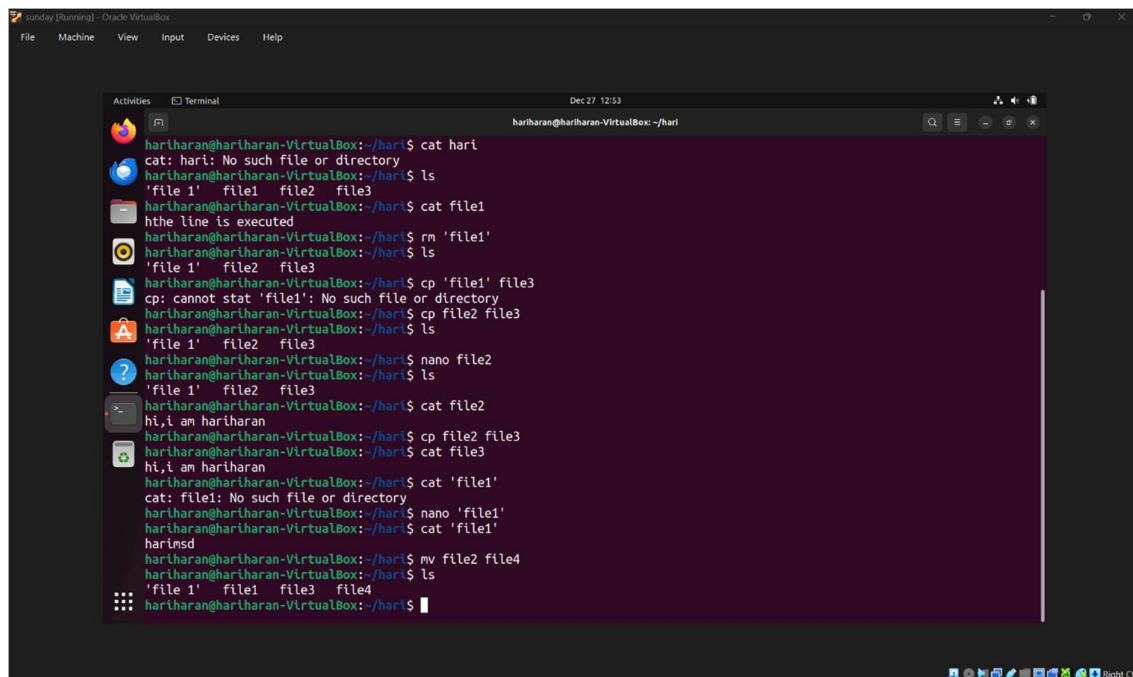
Using “pwd” command print working directory.



The screenshot shows a terminal window titled "hariharang@hariharan-VirtualBox: ~/hari". The user has executed several commands to create and manage files:

```
hariharang@hariharan-VirtualBox:~$ mkdir hari
hariharang@hariharan-VirtualBox:~$ cd hari
hariharang@hariharan-VirtualBox:~/hari$ nano file1
'file 1'
hariharang@hariharan-VirtualBox:~/hari$ cat file1
cat: file1: No such file or directory
hariharang@hariharan-VirtualBox:~/hari$ nano file1
hariharang@hariharan-VirtualBox:~/hari$ cat file1
hthe line is executed
hariharang@hariharan-VirtualBox:~/hari$ touch file2 file3
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file1  file2  file3
hariharang@hariharan-VirtualBox:~/hari$ pwd
/home/hariharan/hari
hariharang@hariharan-VirtualBox:~/hari$
```

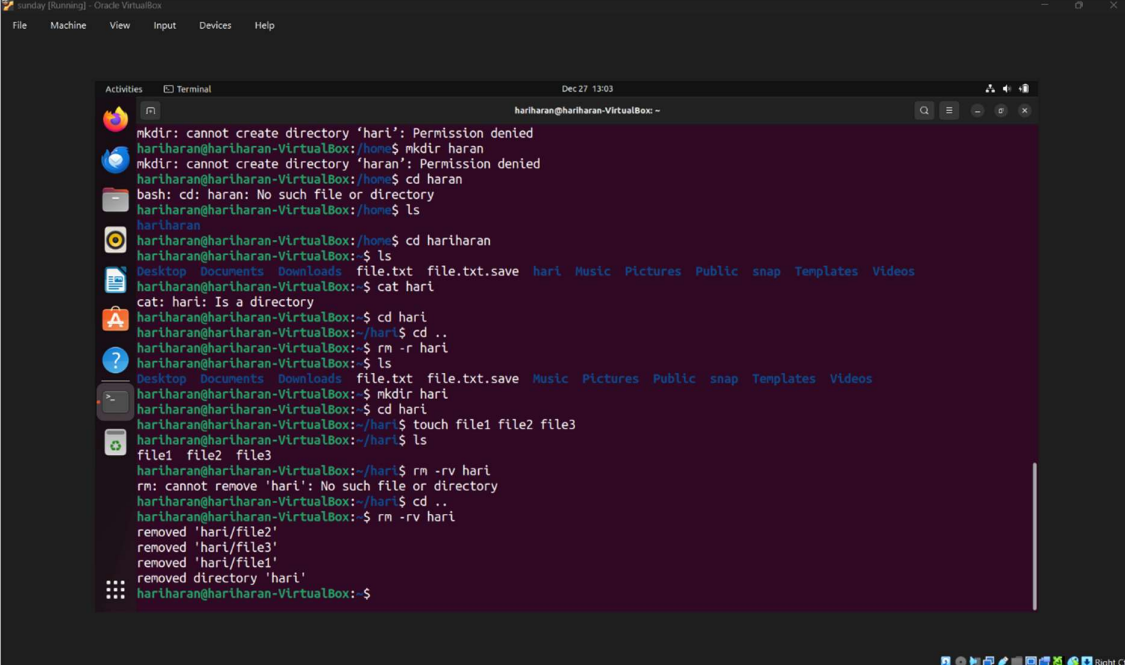
Using “cp” command to copy one file to another file and using “mv” command to move one file to another file.



The screenshot shows a terminal window titled "hariharang@hariharan-VirtualBox: ~/hari". The user has executed several commands to copy and move files:

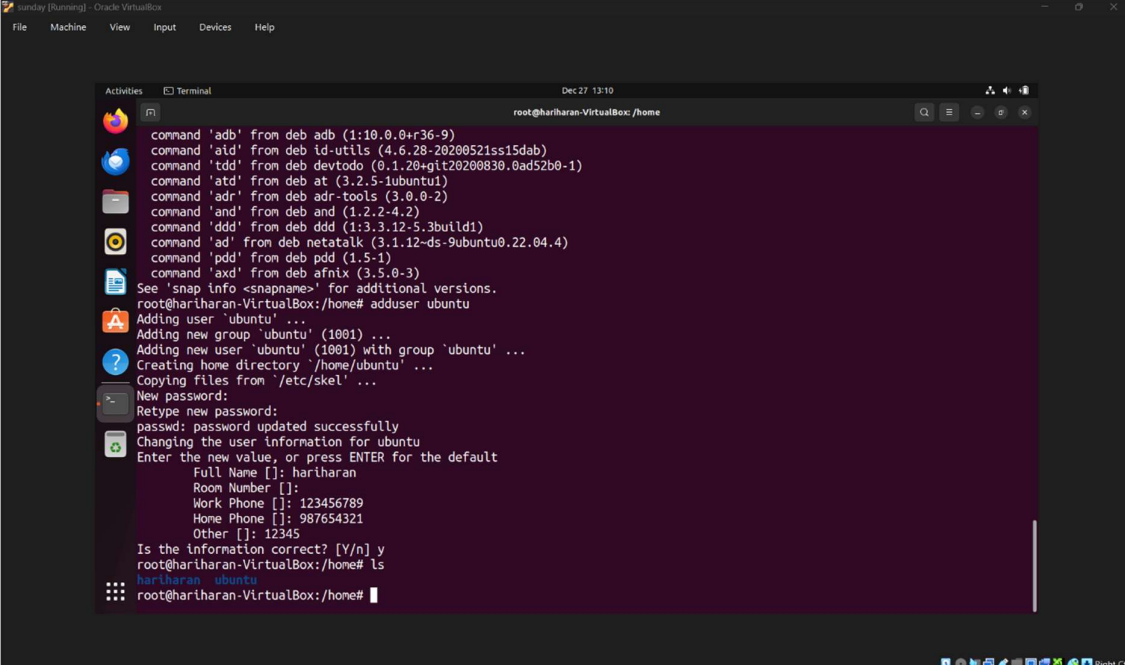
```
hariharang@hariharan-VirtualBox:~/hari$ cat hari
cat: hari: No such file or directory
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file1  file2  file3
hariharang@hariharan-VirtualBox:~/hari$ cat file1
hthe line is executed
hariharang@hariharan-VirtualBox:~/hari$ rm 'file1'
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file2  file3
hariharang@hariharan-VirtualBox:~/hari$ cp 'file1' file3
cp: cannot stat 'file1': No such file or directory
hariharang@hariharan-VirtualBox:~/hari$ cp file2 file3
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file2  file3
hariharang@hariharan-VirtualBox:~/hari$ nano file2
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file2  file3
hariharang@hariharan-VirtualBox:~/hari$ cat file2
hi,i an hariharan
hariharang@hariharan-VirtualBox:~/hari$ cp file2 file3
hariharang@hariharan-VirtualBox:~/hari$ cat file3
hi,i an hariharan
hariharang@hariharan-VirtualBox:~/hari$ cat 'file1'
cat: file1: No such file or directory
hariharang@hariharan-VirtualBox:~/hari$ nano 'file1'
hariharang@hariharan-VirtualBox:~/hari$ cat 'file1'
harimsd
hariharang@hariharan-VirtualBox:~/hari$ mv file2 file4
hariharang@hariharan-VirtualBox:~/hari$ ls
'file 1'  file1  file3  file4
hariharang@hariharan-VirtualBox:~/hari$
```

Using “rm -rv” to remove file and directory.



```
hariharan@hariharan-VirtualBox: ~$ mkdir haran
mkdir: cannot create directory 'haran': Permission denied
hariharan@hariharan-VirtualBox: ~$ cd haran
bash: cd: haran: No such file or directory
hariharan@hariharan-VirtualBox: ~$ ls
Desktop Documents Downloads file.txt file.txt.save hari Music Pictures Public snap Templates Videos
hariharan@hariharan-VirtualBox: ~$ cd hariharan
hariharan@hariharan-VirtualBox: ~$ ls
Desktop Documents Downloads file.txt file.txt.save hari Music Pictures Public snap Templates Videos
hariharan@hariharan-VirtualBox: ~$ cat hari
cat: hari: Is a directory
hariharan@hariharan-VirtualBox: ~$ cd hari
hariharan@hariharan-VirtualBox: ~/hari$ cd ..
hariharan@hariharan-VirtualBox: ~$ rm -r hari
hariharan@hariharan-VirtualBox: ~$ ls
Desktop Documents Downloads file.txt file.txt.save Music Pictures Public snap Templates Videos
hariharan@hariharan-VirtualBox: ~$ mkdir hari
hariharan@hariharan-VirtualBox: ~$ cd hari
hariharan@hariharan-VirtualBox: ~/hari$ touch file1 file2 file3
hariharan@hariharan-VirtualBox: ~/hari$ ls
file1 file2 file3
hariharan@hariharan-VirtualBox: ~/hari$ rm -rv hari
rm: cannot remove 'hari': No such file or directory
hariharan@hariharan-VirtualBox: ~/hari$ cd ..
hariharan@hariharan-VirtualBox: ~$ rm -rv hari
removed 'hari/file2'
removed 'hari/file3'
removed 'hari/file1'
removed directory 'hari'
hariharan@hariharan-VirtualBox: ~$
```

Using “sudu su” command to add user and “ls” command to list the user.



```
root@hariharan-VirtualBox: /home# command 'adb' from deb adb (1:10.0.0+r36-9)
command 'aid' from deb id-utils (4.6.28-20200521ss15dab)
command 'tdd' from deb devtodo (0.1.20+git20200830.0ad52b0-1)
command 'atd' from deb at (3.2.5-1ubuntu1)
command 'adr' from deb adr-tools (3.0.0-2)
command 'and' from deb and (1.2.2-4.2)
command 'ddd' from deb ddd (1:3.3.12-5.3build1)
command 'ad' from deb netatalk (3.1.12-ds-9ubuntu0.22.04.4)
command 'pdd' from deb pdd (1.5-1)
command 'axd' from deb afnix (3.5.0-3)
See 'snap info <snapnames>' for additional versions.
root@hariharan-VirtualBox: /home# adduser ubuntu
Adding user 'ubuntu' ...
Adding new group 'ubuntu' (1001) ...
Adding new user 'ubuntu' (1001) with group 'ubuntu' ...
Creating home directory '/home/ubuntu' ...
Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for ubuntu
Enter the new value, or press ENTER for the default
Full Name []: hariharan
Room Number []:
Work Phone []: 123456789
Home Phone []: 987654321
Other []: 12345
Is the information correct? [Y/n] y
root@hariharan-VirtualBox: /home# ls
hariharan ubuntu
root@hariharan-VirtualBox: /home#
```

History of this using command.

